



PTO/SB/82 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/027,219
Filing Date	December 21, 2001
First Named Inventor	Marc Vidal
Art Unit	1636
Examiner Name	Lambertson, David A.
Attorney Docket Number	0609.5200005/TJS/ELE

**I hereby revoke all previous powers of attorney given in the above-identified application.**☐ A Power of Attorney is submitted herewith.**OR**☒ I hereby appoint the practitioners associated with the Customer Number:**26111**☒ Please change the correspondence address for the above-identified application to:☒ The address associated with  
Customer Number:**26111****OR**☐ Firm or  
Individual Name**Sterne, Kessler, Goldstein & Fox P.L.L.C.**

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

**FRANCES TONEGUZZO, P.D.  
DIRECTOR**

Date

**CORPORATE SPONSORED RESEARCH AND LICENSING**

Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of **2** forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/96 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Marc VidalApplication No./Patent No.: 10/027,219 Filed/Issue Date: December 21, 2001Entitled: Reverse Two-Hybrid SystemsThe General Hospital Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 7569, Frame 0019, or for which a copy thereof is attached.

OR

B ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

FRANCESCO  
Signature8/19/05  
Date

**FRANCESCO, Ph.D.**  
**DIRECTOR** Printed or Typed Name  
**CORPORATE SPONSORED RESEARCH AND LICENSING**

Telephone Number

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

08-21-1995

Attorney Docket No.: 00786/239001

RE

EET

Commissioner of Patents and Trademark

100046458

document

1. Name of conveying party(ies):  
MARC VIDAL

Additional name(s) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

2. Name and address of receiving party(ies):  
assigns jointly to THE GENERAL HOSPITAL  
CORPORATION AND THE JOHNS HOPKINS  
UNIVERSITY  
55 FRUIT STREET AND 720 RUTLAND AVENUE  
BOSTON, MA 02114 AND BALTIMORE, MD  
21205

Additional names/addresses attached? ☐ Yes ☒ No

Execution Date: JUN/19/95

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

08/420.525

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Paul T. Clark  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed  
☐ Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

DO NOT USE THIS SPACE

9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Paul T. Clark

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Form PTO-1595 (Rev. 10-1-90)

Date of Deposit

I hereby certify under 37 CFR 1.53(a) that this correspondence is being deposited with the United States Postal Service in first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20230

M. S. Clark

PATENT  
FILED 7569 FRAM: 0019

DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION

ASSIGNMENT

For valuable consideration, I, MARC VIDAL, of BOSTON, MA hereby assigns jointly to THE GENERAL HOSPITAL CORPORATION, a Massachusetts corporation having a place of business at 55 FRUIT STREET, BOSTON, MA 02114, and to THE JOHNS HOPKINS UNIVERSITY, a Maryland corporation having a place of business at 720 RUTLAND AVENUE, BALTIMORE, MD 21205 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Application Serial No. 08/420,525, filed April 11, 1995, entitled REVERSE TWO-HYBRID SYSTEMS

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Charlestown, MA, this 19th day of June, 1995.

[Signature]  
\_\_\_\_\_  
MARC VIDAL, I.S.

STATE OF MASSACHUSETTS:

SS

COUNTY OF SUFFOLK:

Before me this 19th day of June, 1995, personally appeared MARC VIDAL known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Signature]  
\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]



PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Ed HarlowApplication No./Patent No.: 10/027,219 Filed/Issue Date: December 21, 2001Entitled: Reverse Two-Hybrid Systems

The General Hospital Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 7569, Frame 0025, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Frances Toneguzzo  
Signature

8/29/05  
Date

**FRANCES TONEGUZZO, Ph.D.**  
DIRECTOR

**CORPORATE SPONSORED RESEARCH AND LICENSING**

Title

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

08-21-1995

Attorney Docket No.: 00786/239001

COVER SHEET  
ONLY

of original document.

Commissioner of Patents and



100046459

1. Name of conveying party(ies):  
ED MARLOWAdditional names(s) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

Execution Date: JUN/26/95

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

08/420,525

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Paul T. Clark  
 Fish & Richardson P.C.  
 225 Franklin Street  
 Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed  
☐ Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Paul T. Clark  
 Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Date of Deposit

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

PATENT  
 REF: 7569 FRANKLIN 0025

ASSIGNMENT

For valuable consideration, I, ED HARLOW, of Charlestown, MA hereby assign to THE GENERAL HOSPITAL CORPORATION, a MASSACHUSETTS corporation having a place of business at 55 FRUIT STREET, BOSTON, MA 02114, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Application Serial No. 08/420,525, filed April 11, 1995, entitled REVERSE TWO-HYBRID SYSTEMS

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Charlestown, MA  
this 26 day of June, 1995

Ed Harlow

ED HARLOW

L.S.

STATE OF MASSACHUSETTS

:SS.

COUNTY OF SUFFOLK

Before me this 26<sup>th</sup> day of June, 1995, personally appeared ED HARLOW known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

R. Coleman

Notary Public

My Commission Expires:

[Notary's Seal Here]

**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/027,219
Filing Date	December 21, 2001
First Named Inventor	Marc Vidal
Art Unit	1636
Examiner Name	Lambertson, David A.
Attorney Docket Number	0609.5200005/TJS/BLB

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

26111

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

26111

OR


<input type="checkbox"/> Firm or Individual Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
Address			
City		State	Zip
Country			
Telephone		Email	

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature			
Name	Heather Bakalyar		
Date	Sept. 19, 2005	Telephone	410 576 8300

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Marc Vidal

Application No./Patent No.: 10/027,219 Filed/Issue Date: December 21, 2001

Entitled: Reverse Two-Hybrid Systems

The Johns Hopkins University, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 7569, Frame 0019, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

Signature  
Heather A. Bakalyar, Ph.D.  
Associate Director  
Licensing & Technology Development

10/13/05  
Date  
410 576 4565  
Telephone Number

Title  
This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

08-21-1995

Attorney Docket No.: 00786/239001

RE

EET

Commissioner of Patents and Trademark

100046458

document

1. Name of conveying party(ies):  
MARC VIDAL

Additional name(s) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

2. Name and address of receiving party(ies):

assigns jointly to THE GENERAL HOSPITAL  
CORPORATION AND THE JOHNS HOPKINS  
UNIVERSITY  
65 FRUIT STREET AND 720 RUTLAND AVENUE  
BOSTON, MA 02114 AND BALTIMORE, MD  
21205

Additional names/addresses attached? ☐ Yes ☒ No

Execution Date: JUN/19/95

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

08/420.525

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Paul T. Clark  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

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Paul T. Clark

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

600 Form 01/11/95 104620-20

7-21-95

Date of Deposit

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M. S. Schmitt

RECEIVED PATENT AND TRADEMARK OFFICE

DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION

ASSIGNMENT

For valuable consideration, I, MARC VIDAL, of BOSTON, MA hereby assigns jointly to THE GENERAL HOSPITAL CORPORATION, a Massachusetts corporation having a place of business at 55 FRUIT STREET, BOSTON, MA 02114, and to THE JOHNS HOPKINS UNIVERSITY, a Maryland corporation having a place of business at 720 RUTLAND AVENUE, BALTIMORE, MD 21205 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Application Serial No. 08/420,525, filed April 11, 1995, entitled REVERSE TWO-HYBRID SYSTEMS

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Charlestown, MA, this 19th day of June, 1995.

MARC VIDAL

STATE OF MASSACHUSETTS

SS

COUNTY OF SUFFOLK

Before me this 19th day of June, 1995, personally appeared MARC VIDAL known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Signature]  
Notary Public  
My Commission Expires:

[Notary's Seal Here]



PTO/SB/96 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Jef D. Boeke

Application No./Patent No.: 10/027,219 Filed/Issue Date: December 21, 2001

Entitled: Reverse Two-Hybrid Systems

The Johns Hopkins University, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 7694, Frame 0059, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

R. Keith Baker

Signature

R. Keith Baker, Ph.D.

Sr. Director

Printed or Typed Name

Johns Hopkins Technology Transfer

Title

10/28/05

Date

410-516-4563

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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11-21-1995

Attorney Docket No.: 00786/230001  
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Commissioner of Patents and Trad

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Final document.

1. Name of conveying party(ies):

JEE D. BOESE

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

THE JOHNS HOPKINS UNIVERSITY  
720 RUTLAND AVENUE  
BALTIMORE, MD 21205Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

Execution Date: JUL/3/95

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):  
08/420,525

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Paul T. Clark  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed  
☐ Authorized to charge deposit account

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

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I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

PATENT

REEL: 7694 FRAME: 0059

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ASSIGNMENT

For valuable consideration, I, JEF D. BOEKE of BALTIMORE, MARYLAND hereby assign to THE JOHNS HOPKINS UNIVERSITY, a MARYLAND corporation having a place of business at 720 RUTLAND AVENUE, BALTIMORE, MD 21205 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Application Serial No. 08/420,525, filed April 11, 1995, entitled REVERSE TWO-HYBRID SYSTEMS this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at BALTIMORE, MD.

this 3 day of July, 1995

JEF D. BOEKE L.S.

STATE OF MARYLAND :

COUNTY OF Baltimore :ss.

Before me this 3 day of July, 1995, personally appeared JEF D. BOEKE known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Ann T. Meix  
Notary Public  
My Commission Expires: 2/98

[Notary's Seal Here]